

Fig. 3 (PRIOR ART)

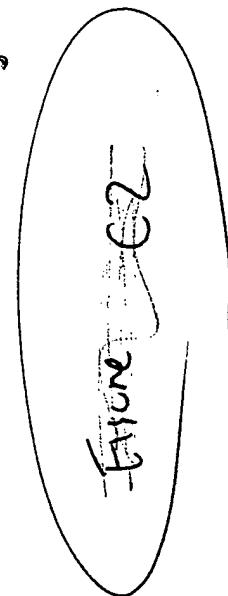
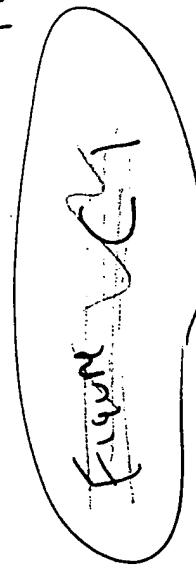


Fig. 1-  
(PRIOR ART)



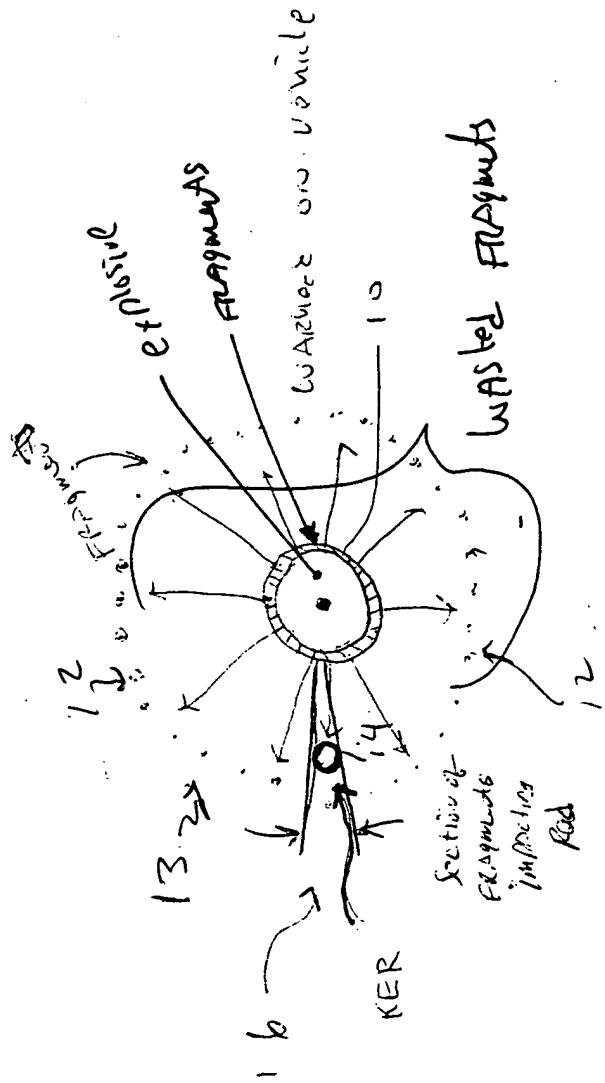


Fig. 2 (PRIOR ART)

# Design Considerations

Raytheon  
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COMPETITION  
SENSITIVE

Applicant: Richard M. Lloyd  
Title: VEHICLE-BORNE SYSTEM AND METHOD FOR  
COUNTERING AN INCOMING THREAT  
Docket No.: RAY-144J  
Attorney: Roy J. Coleman, Reg. No. 48,863  
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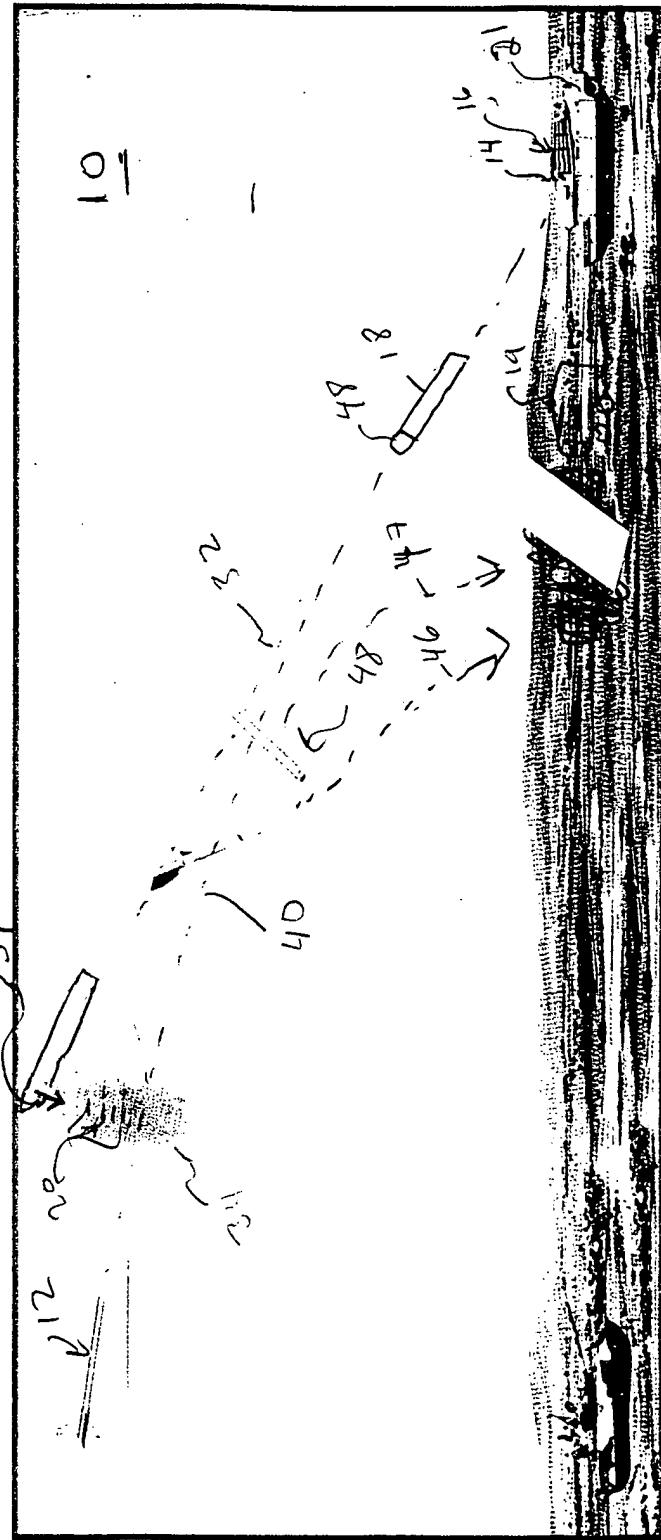


Fig. 4

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# T80 MBT fitted with Arena APS

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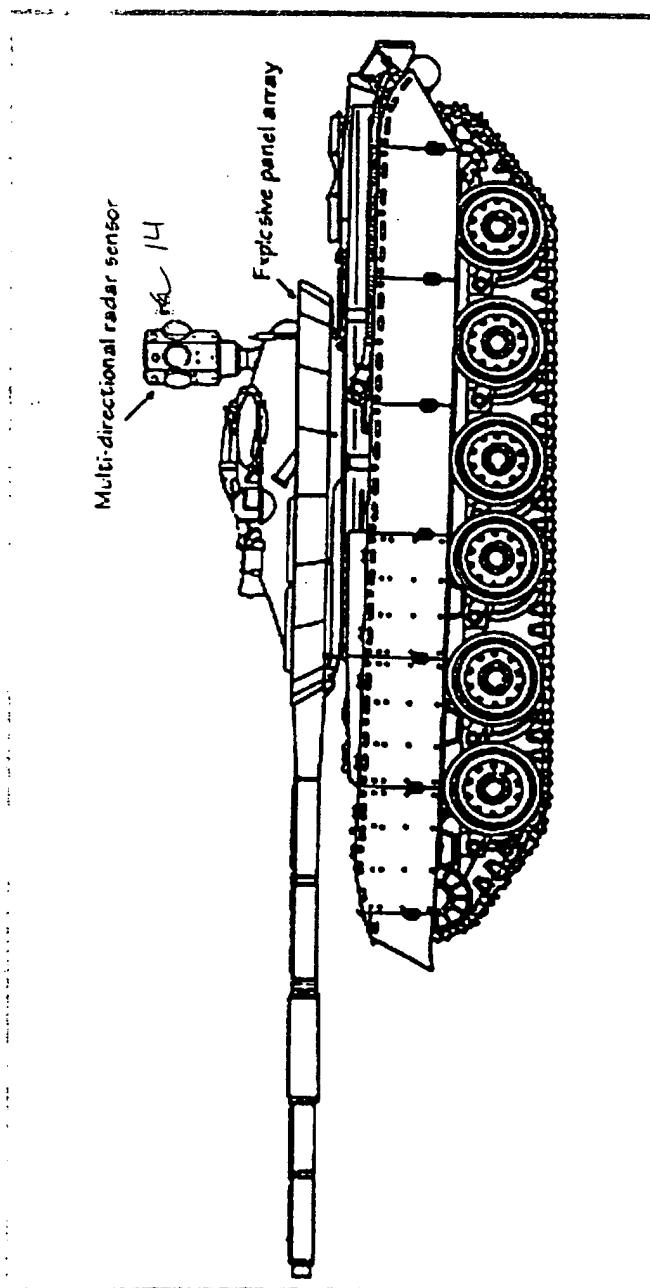


Fig. 5

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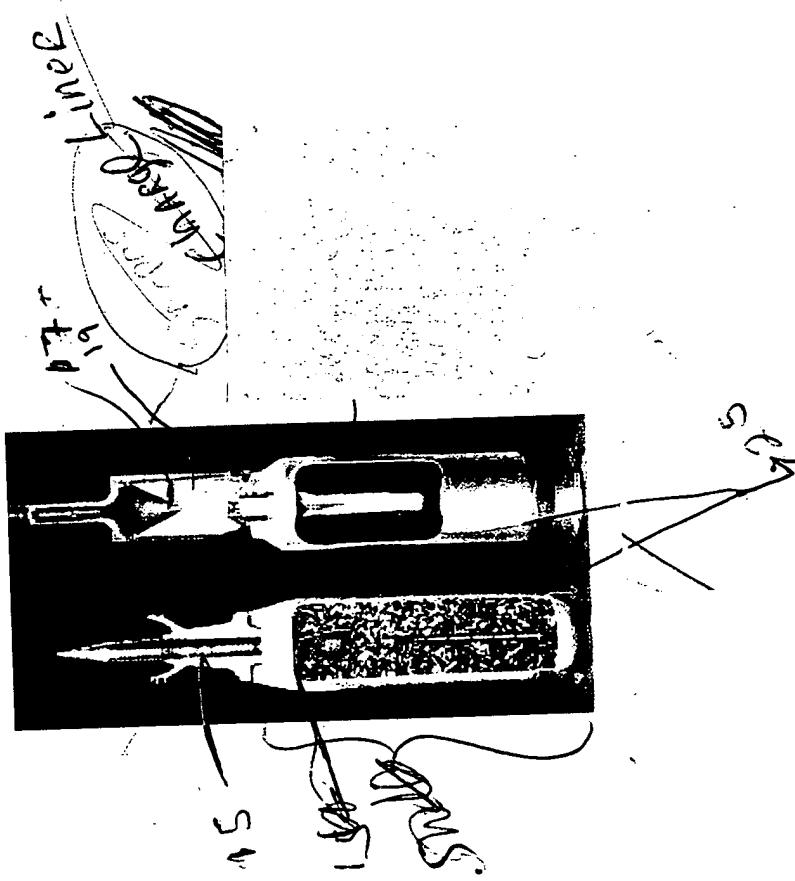


Fig. 6

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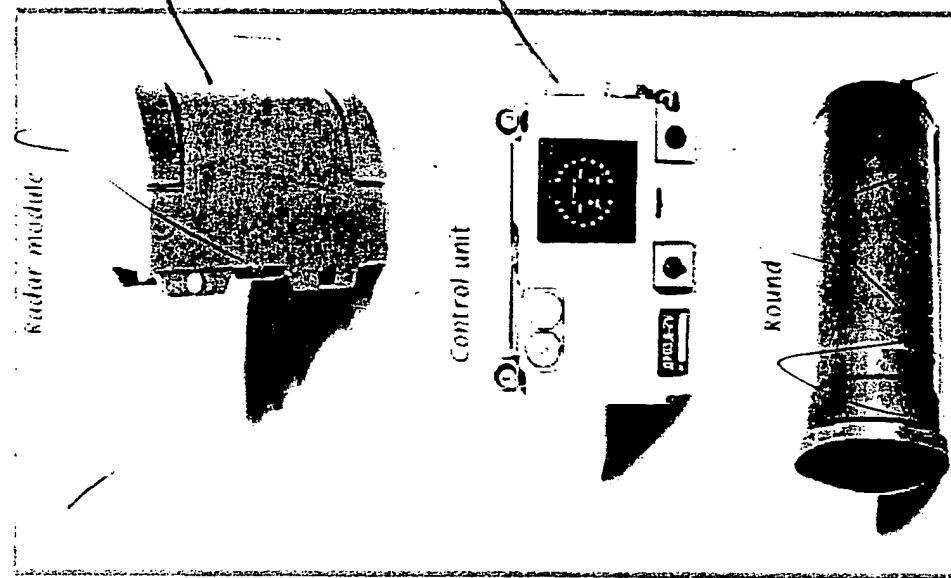


Fig. 7B

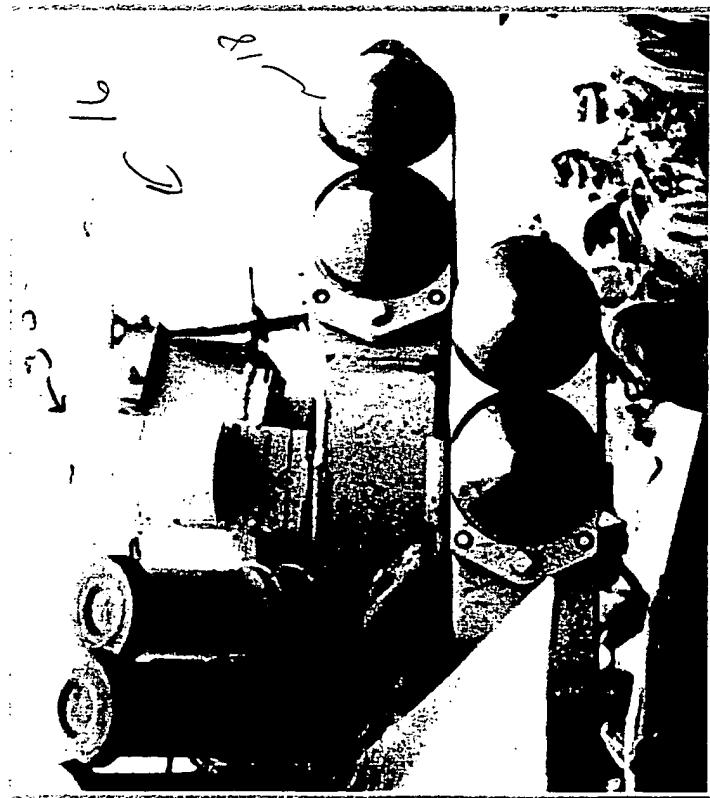
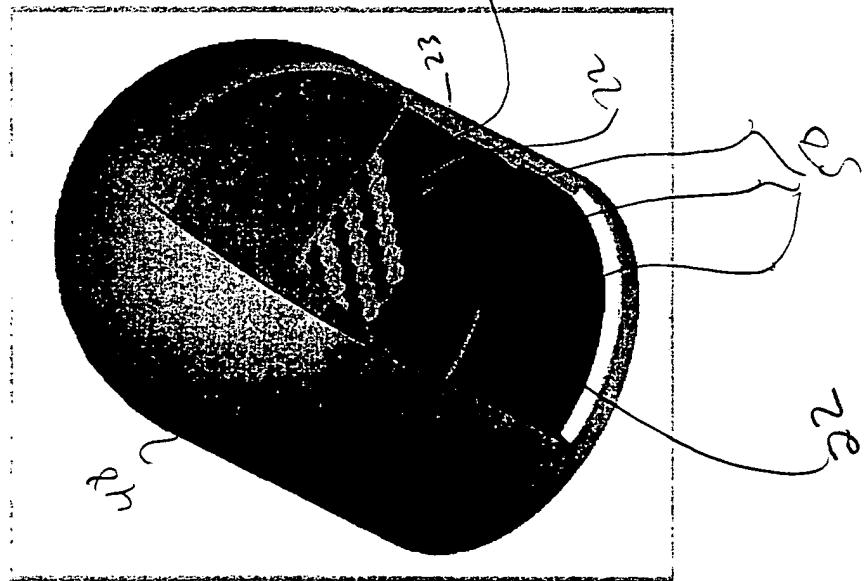
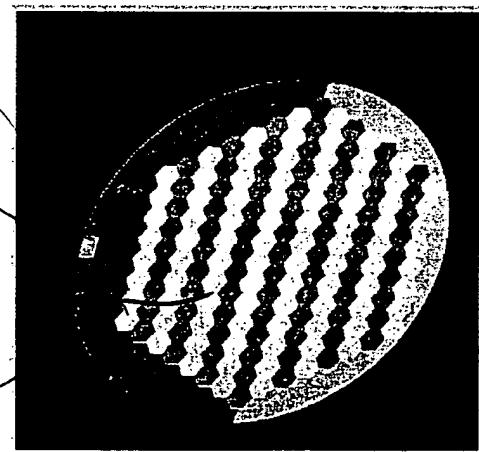
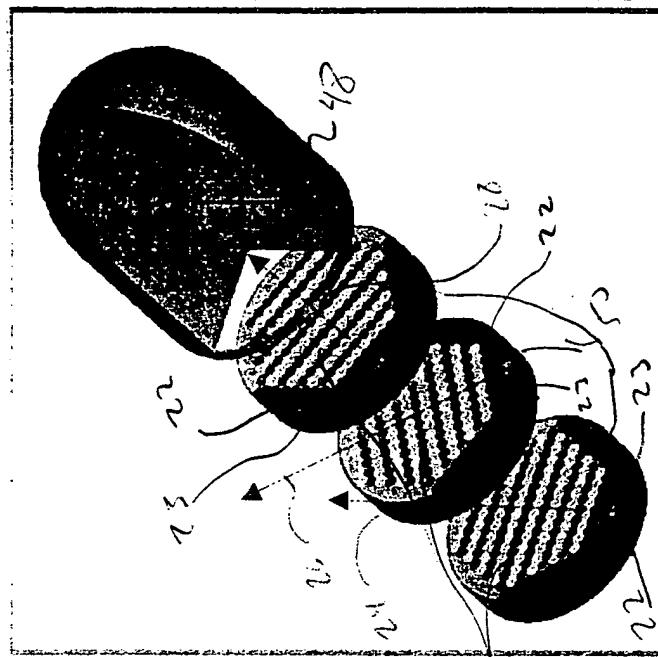


Fig. 7A

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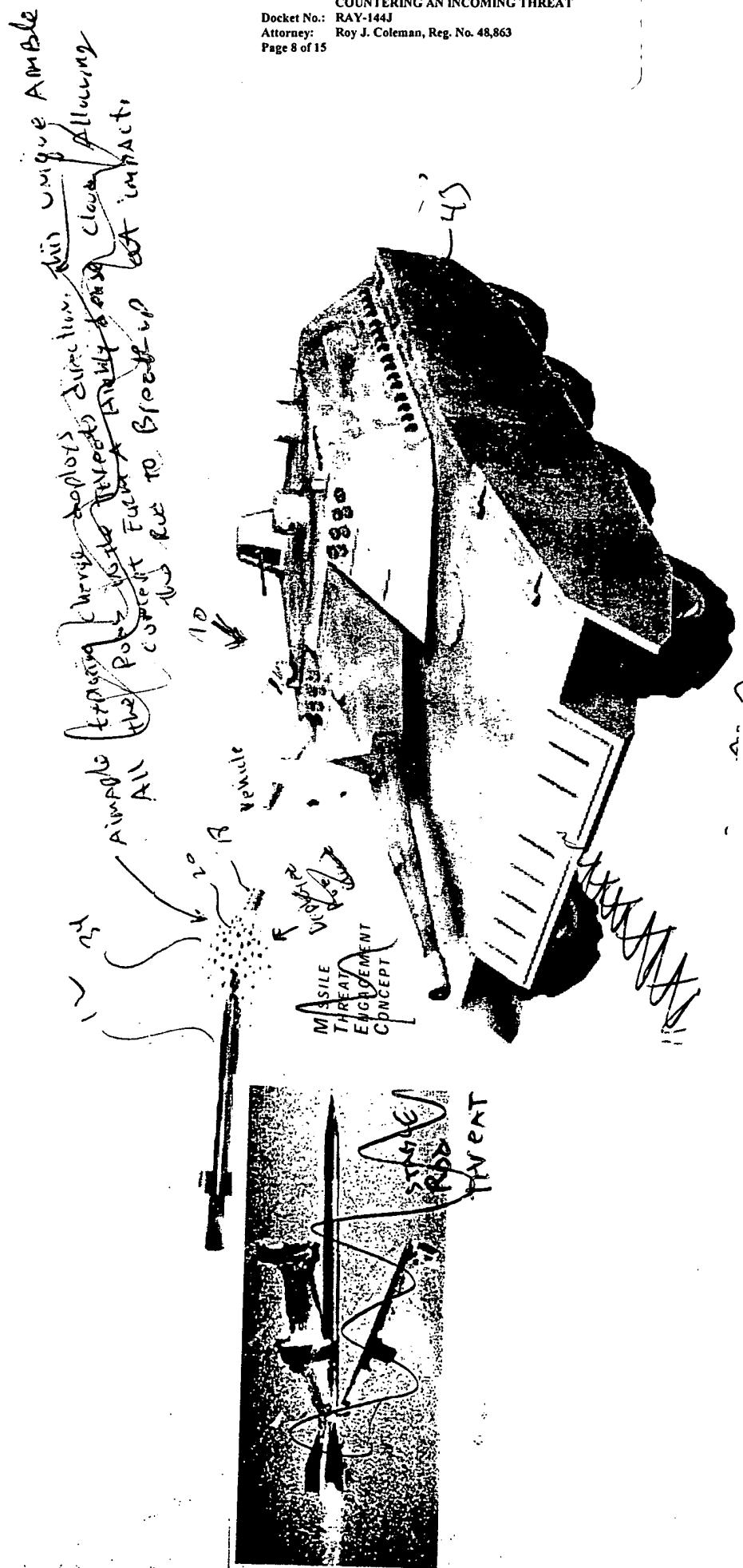


Fig. 9

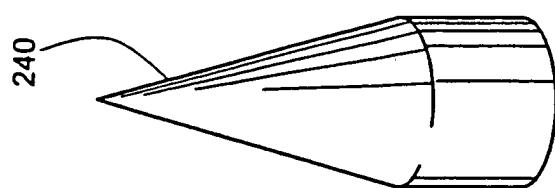
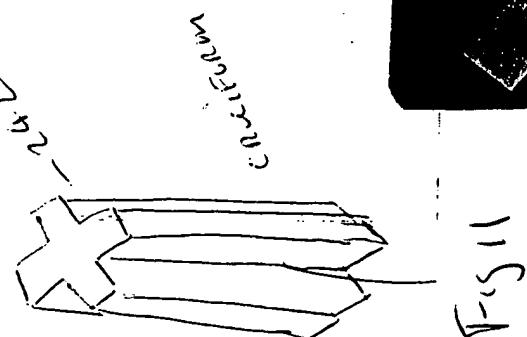
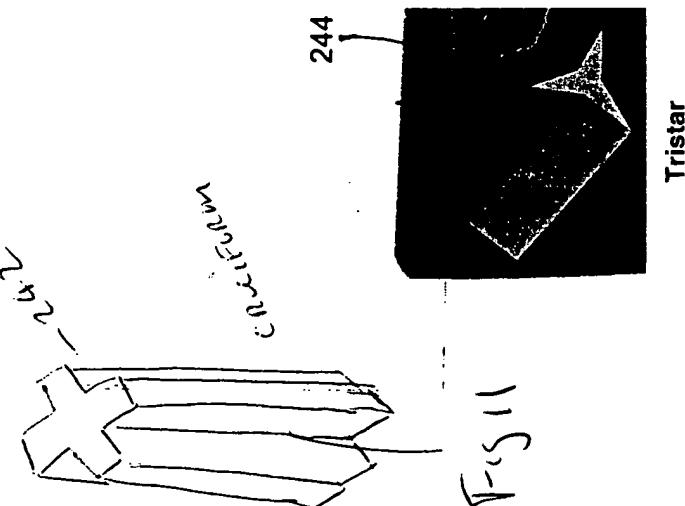
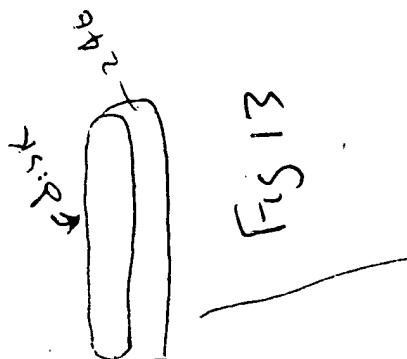
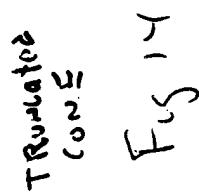
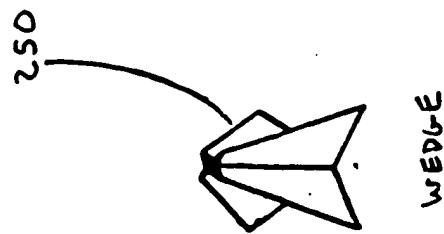


Fig. 15

Fig. 14

Fig. 13

Fig. 12

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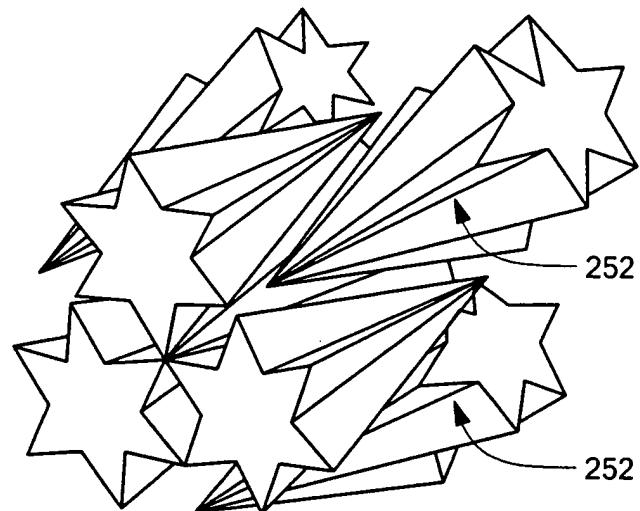


Fig. 16

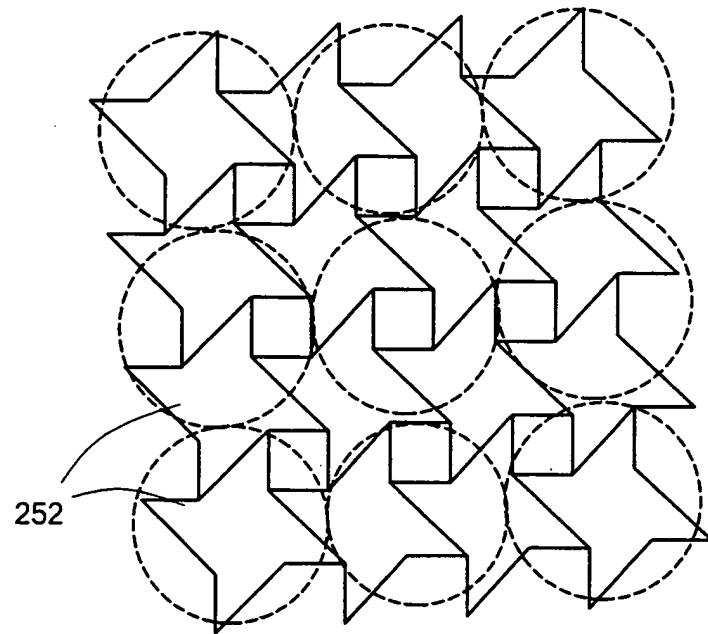


Fig. 17

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BWIP-SIEW fitted with ARENAARS

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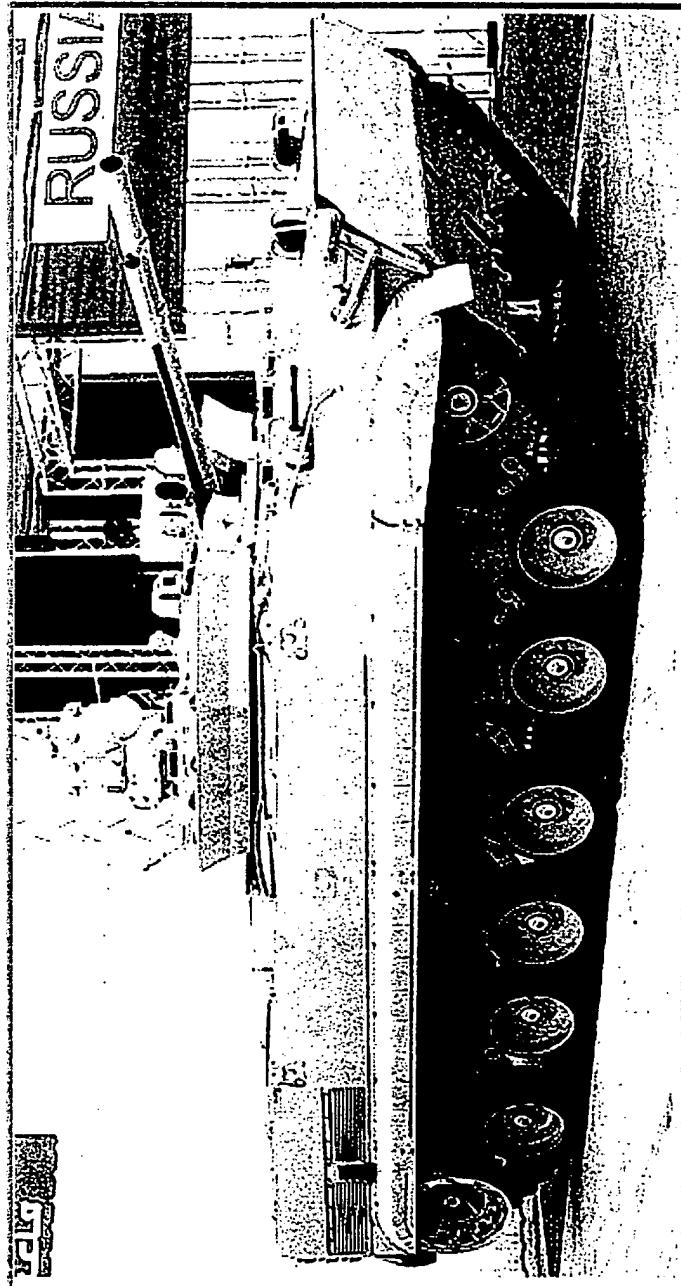


Fig. 18

T-800UM2 fitted with DR0ZZD-APS

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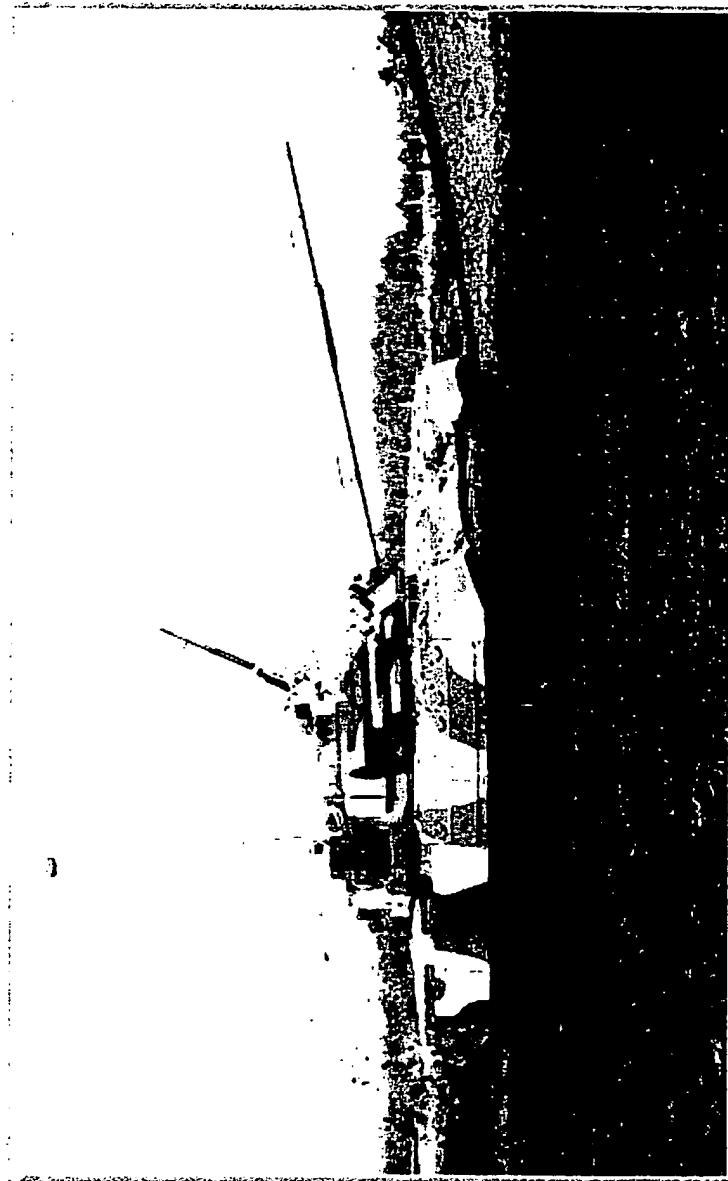


Fig. 19

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T-80U(M1 (Snow Leopard) fitted with ARE NA ABS

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Fig. 20

**AIR-ERAFARS fitted on BMP-3ICV close-up**

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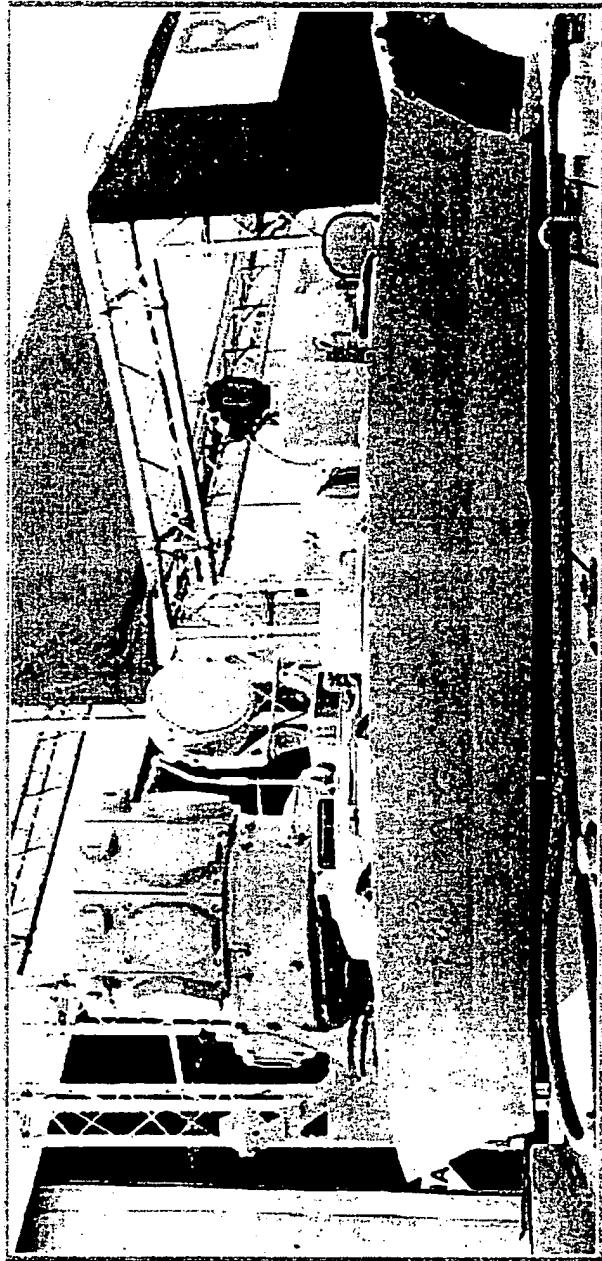


Fig. 21

Sensing an incoming threat -100

Activating an active protection system including a maneuverable interceptor incorporating a plurality of kinetic energy rods and an explosive charge configured to aim the kinetic energy rods in a predetermined direction; -102

Maneuvering the interceptor to intercept the incoming threat; -104

Detecting if the interceptor will miss the incoming threat, and if the interceptor will miss the incoming threat, initiating the explosive charge to aim the kinetic rods into a disbursed cloud in the trajectory path of the incoming threat and between the incoming threat and the vehicle. -106

Fig. 22